

CLAIMS

1. A remote supervisory control system for an elevating machine, which performs supervisory control of at least one of elevating machines in a remote supervisory center via a general public line,

the general public line having a plural kinds of networks including a high-speed digital network for transmitting large-capacity information from each of the elevating machines to the remote supervisory center and a low-communication-cost public network for transmitting a control command for performing control for each of the elevating machines from the remote supervisory center,

the remote supervisory control system comprising:

network selection means for, in each of the elevating machines and the remote supervisory center, selecting a required one from a plural kinds of networks according to information to be transmitted and causing the selected network to transmit the information, and for selecting the high-speed digital network when the information to be transmitted is large-capacity information and the low-communication-cost public network when the information to be transmitted is a control command and causing the selected network to transmit the information;

storage means for storing a specific code that is preset and is specific to a relevant one of the elevating machines in each of the elevating machines;

database means for storing the specific code of each of the

elevating machines in the remote supervisory center; and

security means for, in each of the elevating machines and the remote supervisory center, encoding or decoding transmitted information for each of the plural kinds of networks, for adding the respective specific code to the control command to each of the elevating machines in the remote supervisory center, and for collating for authentication the specific code added to the control command from the remote supervisory center with the specific code stored on the elevating machine side in each of the elevating machines.

2. The remote supervisory control system for an elevating machine according to Claim 1, characterized in that the large-capacity information transmitted from each of the elevating machines to the remote supervisory center includes at least one of state information, image information, and audio information.

3. The remote supervisory control system for an elevating machine according to Claim 1 or 2, characterized in that the high-speed digital network is constructed of VPN or ADSL, and that the low-communication-cost public network is constructed of ISDN or analog lines.